

# Coastal Climate Adaptation Literatures of the Southeast and Northeast U.S.: Regional Comparisons among States and Document Sources

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## Supplemental Materials

**Table S1.** Inclusion and exclusion criteria for literature searches in present study.

Inclusion	Exclusion
<b>Keyword Search</b>	
English	Non-English
All Years	Returns after April 15-16, 2015
Indexed in ISI Web of Science	Not available in ISI Web of Science
Indexed in Scopus	Not available in Scopus
Indexed in ProQuest	Not available in ProQuest
Indexed in Academic Search Complete	Not available in Academic Search Complete
Articles, Reports, Reviews, Guidelines, Conference	Abstracts, Flyers, Brochures, Slide files
<b>Citation, Title, Abstract Screening</b>	
Human	Natural (e.g. plants, animals)
Coastal climate adaptation	Non-coastal climate adaptation
Focus States	Non-included states
Planning, infrastructure	Unrelated Natural Sciences
Climate Change	Unrelated Engineering
Sea Level Rise	Unrelated Governance
<b>Full Document Screening</b>	
Human	Natural (e.g. plants, animals)
Coastal climate adaptation	Non-coastal climate adaptation
Focus States	Non-included states
Planning, infrastructure	Unrelated Natural Sciences
Climate Change	Unrelated Engineering
Sea Level Rise	Unrelated Governance

**Table S2.** Documents included in the analysis (n = 296). Empty cells reflect grey literature (without journal and volume data).

ID	Author	Year	Title	Journal	Vol. (Number)	Pages
FL 1	Bjarnadottir, S. et al.	2011	A Probabilistic-based Framework for Impact and Adaptation Assessment of Climate Change on Hurricane Damage Risks and Costs	Structural Safety	33 (3)	12–26.
FL 2	Noss, R.	2011	Between the Devil and the Deep Blue Sea: Florida's Unenviable Position With Respect to Sea Level Rise	Climatic Change	107 (1-2)	1–16.
FL 3	Carlton, S. and Jacobson, S.K.	2013	Climate Change and Coastal Environmental Risk Perceptions in Florida	Journal of Environ. Management	130	32–39.
FL 4	Marshall, A. et al.	2011	Coastal Construction Trends in Response to Coastal Erosion: An Opportunity for Adaptation	Journal of Coastal Conservation	15 (1)	61–72.
FL 5	Jacques, P.	2006	Downscaling Climate Models and Environmental Policy: From Global to Regional Politics	Journal of Environ. Planning and Management	49 (2)	301–307.
FL 6	Cooper, H. et al.	2015	Incorporating Uncertainty of Groundwater Modeling in Sea-Level Rise Assessment: A Case Study in South Florida	Climatic Change	129 (1-2)	281–294.
FL 7	Frazier, T.G. et al.	2013	Spatial and Temporal Quantification of Resilience at the Community Scale	Applied Geography	42	95–107.
FL 8	Gunawansa, A. et al.	2014	A Comparison of Climate Change Mitigation and Adaptation Strategies for the Construction Industries of Three Coastal Territories	Sustainable Development	22 (1)	52–62.
FL 9	Bierbaum, R. et al.	2013	A Comprehensive Review of Climate Adaptation in the United States: More Than Before, But Less Than Needed	Mitigation and Adaptation Strategies for Global Change	18(3)	361–406.
FL 10	Stroup, L.J.	2011	Adaptation of U.S. Water Management to Climate and Environmental Change	The Professional Geographer	63 (4)	414–428.

FL 11	Piccininni, F.	2014	Adaptation to Climate Change and the Everglades Ecosystem	Environmental Claims Journal	26 (1)	63–83.
FL 12	Hunt, A. and Watkiss, P.	2011	Climate Change Impacts and Adaptation in Cities: a Review of the Literature	Climatic Change	104 (1)	13–49.
FL 13	Heinzman, J. et al.	2011	Climate Prosperity: A Greenprint For Southwest Florida	Journal of Business Case Studies	7 (4)	1–9.
FL 14	McNamara, D. et al.	2011	Coastal Sustainability Depends on How Economic and Coastline Responses to Climate Change Affect Each Other	Geophysical Research Letters	38 (7)	1–5.
FL 15	Kettle, N.P. and Dow, K.	2014	Cross-level differences and similarities in coastal climate change adaptation planning	Environmental Science & Policy	44	279–290.
FL 16	Havens, K.E. and Steinman, A.D.	2015	Ecological Responses of a Large Shallow Lake (Okeechobee, Florida) to Climate Change and Potential Future Hydrologic Regimes	Environmental Management	55 (4)	763–775.
FL 17	Lu, Q.C. et al.	2014	Economic Analyses of Sea-Level Rise Adaptation Strategies in Transportation Considering Spatial Autocorrelation	Transportation Research Part D:	33	87–94.
FL 18	Richards, C.L. et al.	2010	Evaluating Adaptive Processes for Conservation and Management of Estuarine and Coastal Resources	Estuaries and Coasts	33 (4)	805–810.
FL 19	Estenoz, S. and Bush, S.	2015	Everglades Restoration Science and Decision-Making in the Face of Climate Change: A Management Perspective	Environmental Management	55 (4)	876–883.
FL 20	Howe, P.	2011	Hurricane Preparedness as Anticipatory Adaptation: A Case Study of Community Businesses	Environmental Change	21 (2)	711–720.
FL 21	Hamilton, A. et al.	2010	Implications of Global Change for the Maintenance of Water Quality and Ecological Integrity in the Context of Current Water Laws and Environmental Policies	Global Change and River Ecosystems		263–316.
FL 22	Paton, F.L. et al.	2014	Including Adaptation and Mitigation Responses to Climate Change in a Multi-objective Evolutionary Algorithm Framework for Urban Water Supply Systems Incorporating GHG Emissions	Water Resources Research	50 (8)	6285–6304.
FL 23	Bardsley, T. et al.	2013	Planning for an Uncertain Future: Climate Change Sensitivity Assessment toward Adaptation Planning for Public Water Supply	Earth Interactions	17 (23)	1–26.

FL 24	Sherwood, E.T. and Greening, H.S.	2014	Potential Impacts and Management Implications of Climate Change on Tampa Bay Estuary Critical Coastal Habitats	Environmental Management	53 (2)	401- 415.
FL 25	Williams, S.J.	2013	Sea-Level Rise Implications for Coastal Regions	Journal of Coastal Research	63	184- 196.
FL 26	Curtis, K.J. and Schneider, A.	2011	Understanding the Demographic Implications of Climate Change: Estimates of Localized Population Predictions Under Future Scenarios of Sea-Level Rise	Population and Environment	33 (1)	28- 54.
FL 27	Lowman, M.	2009	A Blueprint for Florida's Clean Energy Future - Case Study of a Regional Government's Environmental Strategy	Sustainability	1 (2)	97- 103.
FL 28	Genovese, E. and Green, C.	2014	Assessment of Storm Surge Damage to Coastal Settlements in Southeast Florida	Journal of Risk Research	18 (4)	407- 427.
FL 29	Bloetscher, F. et al.	2010	Improving Resilience Against the Effects of Climate Change	American Water Works Association	102 (11)	36- 46.
FL 30	Nungesser, M. et al.	2015	Potential Effects of Climate Change on Florida's Everglades	Environmental Management	55 (4)	824- 835.
FL 31	Convertino, M. et al.	2013	Enhanced Adaptive Management: Integrating Decision Analysis, Scenario Analysis and Environmental Modeling for the Everglades	Scientific Reports	3	1-9.
FL 32	Bloetscher, F. et al.	2014	Identifying FDOT's Physical Transportation Infrastructure Vulnerable to Sea Level Rise	Journal of Infrastructure Systems	20 (2)	1-9.
FL 33	FEMA	2014	Region IV Coastal Flood Risk Study - East Coast Central Florida Study Area			1-2.
FL 34	Vargas-Moreno, J. C. and Flaxman, M.	2010	Addressing the Challenge of Climate Change in the Greater Everglades Landscape			1- 18.
FL 35	SFRCCC	2012	Analysis of the Vulnerability of Southeast Florida to Sea Level Rise			1- 181.
FL 36	Parkinson, R.W. and McCue, T.	2011	Assessing Municipal Vulnerability to Predicted Sea Level Rise: City of Satellite Beach, Florida	Climatic Change	107 (1)	203- 223.
FL 37	FL Reef Resilience	2010	Climate Change Action Plan for the Florida Reef System			1- 20.

FL 38	SFWMD	2009	Climate Change and Water Management in South Florida			1– 23.
FL 39	Miami-Dade Gov.	2010	Climate Change Assessment Area			1– 21.
FL 40	Bloetscher, F. et al.	2009	Improving the Resilience of a Municipal Water Utility Against the Likely Impacts of Climate Change			1– 58.
FL 41	ECFRPC	2004	Land Use Impacts and Solutions to Sea Level Rise in East Central Florida			1– 115.
FL 42	Broward County Muni.	2013	Mayor's Climate Action Pledge			1–4.
FL 43	City of Miami	2014	Memo			1–7.
FL 44	SFRCCC	2012	Regional Climate Action Framework: Implementation Guide			1– 42.
FL 45	TCRPC	2005	Sea Level Rise in the Treasure Coast Region			1– 47.
FL 46	CCATF	2008	Second Report and Initial Recommendations Presented to The Miami-Dade Board of County Commissioners			1– 101.
FL 47	SFRCCC	2011	Southeast Florida Regional Climate Change Compact Section 1.4 Policy and Advocacy Implementation Report			1–4.
FL 48	CUES FAU	2009	Southeast Florida's Resilient Water Resources			1– 122.
FL 49	FAU	2009	Southeast Florida's Resilient Water Resources			1– 16.
FL 50	Park J. et al.	2011	Storm Surge Projections and Implications for Water Management in South Florida	Climatic Change	107 (1- 2)	109– 128.
FL 51	Horowitz, A.D.	2013	The Effects of Sea Level Rise 4 On Historic Districts and the 5 Need for Adaptation			1– 305.
FL 52	Shivalani, M.P. et al.	2003	Visitor Preferences for Public Beach Amenities and Beach Restoration in South Florida	Coastal Managem ent	31 (4)	367– 385.
FL 53	Mozumder, P. et al.	2011	Adaptation Behavior in the Face of Global Climate Change: Survey Responses from Experts and Decision Makers Serving the Florida Keys	Ocean & Coastal Managem ent	54 (1)	37– 44.
FL 54	Zhang, K. et al.	2011	Assessment of Sea Level Rise Impacts on Human Population and Real Property in the Florida Keys	Climatic Change	107 (1- 2)	129– 146.
FL 55	City of Key West	2009	Climate Action Plan			1– 64.

FL 56	Flugman, E. et al.	2011	Facilitating Adaptation to Global Climate Change: Perspectives from Experts and Decision Makers Serving the Florida Keys	Climatic Change	112 (3-4)	1015 – 1035
FL 57	TNC	2009	Initial Estimates of the Ecological and Economic Consequences of Sea Level Rise on the Florida Keys through the Year 2100			1–36.
FL 58	Monroe County CCAC	2013	Monroe County Climate Action Plan			1–62.
FL 59	Dean, R.G.	1985	The Ultimate High Tide	Civil Engineering Magazine	56 (9)	64–66.
FL 60	Kettle, N.P. and Dow, K.	2014	The Role of Perceived Risk, Uncertainty and Trust on Coastal CC Adaptation	Environment and Behavior	48 (4)	579–606.
FL 61	Linhoss, A.C. et al.	2013	A Multi-Disciplinary Review of Current Sea-Level Rise Research in Florida			1–18.
FL 62	SFRCCC	2012	A Region Responds to a Changing Climate Southeast Florida Regional Climate Change Compact Counties			1–84.
FL 63	SFRPC	2013	Adaptation Action Areas: Policy Options for Adaptive Planning For Rising Sea Levels			1–35.
FL 64	Noss, R.F. et al.	2014	Adaptation to Sea-level rise in Florida: Biological Conservation Priorities	Final Report. To the Kresge Foundation.		1–104.
FL 65	Parkinson, R.W. and McCue, T.	2009	Adapting to Rising Sea Level: A Florida Perspective			1–7.
FL 66	Deyle, R.E. et al	2007	Adaptive Response Planning to Sea Level Rise in Florida and Implications for Comprehensive and Public-Facilities Planning			1–83.
FL 67	Ruppert, T.K.	2011	Analysis and 2011 Update on the Bert J. Harris, Jr., Private Property Rights Protection Act			1–24.
FL 68	CUES FAU	2008	Assessment of Redefining Florida’s Coastal High Hazard Area			1–78.
FL 69	Ariza, E. et al.	2014	Beach Management in Florida: Assessing Stakeholder Perceptions on Governance	Ocean & Coastal Management	96	82–93.
FL 70	Noss, R.F.	2011	Between the Devil and the Deep Blue Sea: Florida’s Unenviable Position With Respect to Sea Level Rise	Climatic Change	107 (1-2)	1–16.

FL 71	FOCC	2010	Climate Change and Sea-Level Rise in Florida an Update of the Effects of Climate Change on Florida's Ocean & Coastal Resources			1– 36.
FL 72	Harrington, J. and Walton, T.L.	2007	Climate Change in Coastal Areas in Florida: Sea Level Rise Estimation and Economic Analysis to Year 2080			1– 87.
FL 73	CSPP	2007	Climate Change in Florida Is There a Human Footprint in Florida's Climate History?			1– 20.
FL 74	Misra, V. et al.	2011	Climate Scenarios: A Florida-Centric View A White Paper on Climate Scenarios for Florida			1– 71.
FL 75	DCA	2006	Coastal High Hazard Study Committee			1– 17.
FL 76	Lindeman, K.C. et al.	2010	Participatory Climate Adaptation in Coastal Florida: Increasing Roles for Water-Users and Independent Science			1–5.
FL 77	Lindeman, K.C.	1997	Comparative Management of Beach Systems of Florida and the Antilles			1– 29.
FL 78	Borisova, T. et al.	2008	Comprehensive Southwest Florida/Charlotte Harbor Climate Change Vulnerability Assessment			1– 12.
FL 79	Bloetscher, F. et al.	2011	Development of an Adaptation Toolbox to Protect Southeast Florida Water Supplies from Climate Change	Environmental Reviews	19	397– 417.
FL 80	Berry, L. et al.	2012	Development of a Methodology for the Assessment of SLR Impacts on Florida's Transportation Modes and Infrastructure			1– 148.
FL 81	TNC	2009	Economic Benefits of Land Conservation A Case for Florida Forever			1– 28.
FL 82	Borisova, T. et al.	2008	Economic Impacts of Climate Change on Florida: Estimates from Two Studies <sup>1</sup>			1– 12.
FL 83	Ruppert, T.K.	2008	Eroding Long-Term Prospects for Florida's Beaches: Florida's Coastal Construction Control Line Program	Sea Grant Law and Policy Journal	1	1– 65.
FL 84	Crist	2007	Establishing Climate Change Leadership by Example: E.O. 07-126			1–8.
FL 85	The white house	2014	FACT SHEET: What Climate Change Means for Florida and the Southeast and Caribbean			1–4.
FL 86	FEMA et al.	2011	Flood Insurance Rate Maps vs. Storm Surge Inundation Maps			1.
FL 87	FCA et al.	2002	Florida - Saving Energy, the Environment, and Money			1– 28.
FL 88	UF	2006	Florida 2060 A Population Distribution Scenario for the State of Florida			1– 29.

FL 89	FAU	2008	Florida's Resilient Coasts: A State Policy Framework for Adaptation to Climate Change			1-74.
FL 90	Stanton, E.A. and Ackerman, F.	2007	Florida and Climate Change the Cost of Inaction			1-104.
FL 91	Galindo-Gonzalez, S. et al.	2011	Florida Climate Change Education and Training: State University System Cooperative Plan			1-85.
FL 92	CCS	2009	Florida Energy and Climate Action Plan Summary			1-8.
FL 93	Koch-Rose, M. et al.	2011	Florida Water Management and Adaptation in the Face of Climate Change			1-68.
FL 94	Wozniak, K. et al.	2012	Florida's Coastal Hazards Disclosure Law: Property Owner Perceptions of the Physical and Regulatory Environment			1-71.
FL 95	FL Taxwatch	2010	Florida's Financial Exposure from Its "Self-Insurance" Programs: The Citizens Property Insurance Corporation and the Florida Hurricane Catastrophe Fund			1-18.
FL 96	CCS	2008	Florida's Energy & Climate Change Action Plan			1-609.
FL 97	FDEO	2013	How Countries, States, and Florida Address Sea Level Rise			1-103.
FL 98	Leatherman, S.P.	1988	Impact of climate-induced sea level rise on coastal areas			1-5.
FL 99	DEO	2011	Implementing "Adaptation Action Area" Policies in Florida			1-35.
FL 100	Estevez, E.D.	1987	Implications of Sea Level Rise for Wetlands Creation and Management in Florida			1-11.
FL 101	Estevez, E.D.	1990	Long Term Implications of Sea Level Change for the Mississippi and Alabama Coastlines			1-112.
FL 102	Bush, D.M. et al.	2004	Living with Florida's Atlantic Beaches			1-25.
FL 103	FOA	2009	Moving Ahead: The Next Step in Ocean Management for Florida			1-81.
FL 104	Christie, D.R.	2009	Of Beaches, Boundaries, and SOBS	J. Land Use & Env'tl. L.	25	1-19.
FL 105	Lausche, B.J.	2009	Policy Tools for Local Adaptation to Sea Level Rise			1-28.
FL 106	CCSF & IAF	2006	Preliminary Draft Climate Change, Sustainability & Technology			1-13.
FL 107	FCOC	2008	Preparing For A Sea Change In Florida			1-8.



FL 108	Fishman, A.	2012	Preserving Legal Avenues For Climate Justice In Florida Post-American Electric Power	Fla. L. Rev.	64	295–304.
FL 109	DCA	2006	Protecting Florida's Communities			1–17.
FL 110	Choate III, J.F. and James, F.	2011	Sea Level Rise Planning for Florida's Nuclear Energy Infrastructure: A Wait and "Sea" Approach?	Sea Grant Law and Policy Journal	4	1–28.
FL 111	Martin, J. et al.	2011	Structured Decision Making as a Proactive Approach to Dealing With Sea Level Rise in Florida	Climatic Change	107 (1-2)	185–202.
FL 112	FOCC	2009	The Effects Of Climate Change On Florida's Ocean & Coastal Resources			1–40.
FL 113	Rose, A. and Wei, D.	2009	The Economic Impact of the Florida Energy and Climate Change Action Plan on the State's Economy			1–32.
FL 114	CUES FAU	2009	The Florida Planning Toolbox			1–202.
FL 115	Frazier, T.G. et al.	2009	A Framework for Using GIS and Stakeholder Input to Assess Vulnerability to Coastal-Inundation Hazards: A Case Study from Sarasota County, Florida	Building safer communities. Amsterdam : IOS Press		226–245.
FL 116	SWRPC & CHNEP	2009	City of Punta Gorda Adaptation Plan			1–409.
FL 117	SFRPC	2009	Draft Southwest Florida / Charlotte Harbor Climate Change Vulnerability Assessment			1–78.
FL 118	Condon, A.J. and Sheng, Y.P.	2011	Evaluation of Coastal Inundation Hazard for Present and Future Climates	Natural Hazards	62 (2)	345–373.
FL 119	TBRPC	1993	Implications and Management of SLR in Sarasota Bay Region			1–112.
FL 120	Frazier, T.G. et al.	2010	Influence of Potential Sea Level Rise on Societal Vulnerability to Hurricane Storm-Surge Hazards, Sarasota County, Florida	Applied Geography	30 (4)	490–505.
FL 121	Beever, J.W. et al.	2010	Lee County Climate Change Resiliency Strategy (CCRS)			1–163.
FL 122	Pace, N.L.	2013	Resilient Coastal Development through Land Use Planning: Tools & Management Techniques in the Gulf of Mexico			1–18.
FL 123	Christie, D.R.	2011	Sea Level Rise and Gulf Beaches: The Spector of Judicial Takings	Journal of Land Use & Environmental Law	26 (2)	313–325.

FL 124	Frazier, T.G. et al.	2010	Stakeholder Perspectives on Land-Use Strategies for Adapting to Climate-Change-Enhanced Coastal Hazards: Sarasota, Florida	Applied Geography	30 (4)	506–517.
FL 125	Pace, N.L.	2010	Wetlands or Seawalls? Adapting Shoreline Regulation to Address Sea Level Rise and Wetland Preservation in the Gulf of Mexico	J. Land Use & Envtl. L.	26	328–362.
FL 126	FL Cent Comm	2007	Century Commission for a Sustainable Florida First Annual Report to the Governor and the Legislature			1–95.
SC 1	Dow, K. et al.	2007	Why Worry? Community Water System Managers' Perceptions of Climate Vulnerability	Global Environmental Change	17 (2)	228–237.
SC 2	Bures, R. and Kanapaux, W.	2011	Historical Regimes and Social Indicators of Resilience in an Urban System: the Case of Charleston, South Carolina	Ecology & Society	16 (4)	1–11.
SC 3	Dow, K. et al.	2013	The Role of Ad Hoc Networks in Supporting Climate Change Adaptation: a Case Study from the Southeastern United States	Regional Environmental Change	13 (6)	1235–1244.
SC 4	Kettle, N.P, et al.	2014	Integrating Scientific and Local Knowledge to Inform Risk-Based Management Approaches for Climate Adaptation	Climate Risk Management	4	17–31.
SC 5	London, J.B. and Volonte, C.R.	1991	Land Use Implications of SLR: a Case study at Myrtle Beach, SC	Coastal Management	19	205–218.
SC 6	SC DNR	2011	Climate Change Impacts to Natural Resources in South Carolina			1–101.
SC 7	Kana, T.W. et al.	1988	Charleston Case Study			1–22.
SC 8	SC Sea Grant	2008	Citizens Guide to Community Planning			1–14.
SC 9	Vandiver, L. and Hernandez, D.	2010	Assessment of Stormwater Management in Coastal South Carolina: A Focus on Stormwater Ponds and Low Impact Development (LID) Practices			1–6.
SC 10	Barth, M.C. et al.	1984	The Economic Impacts of Sea Level Rise on the Charleston, SC Area			1–33.
SC 11	Bath, S. et al.	2014	Beaufort County, SC Public Workshops On Sea Level Rise Adaptation Strategies			1–14.
NC 1	Paerl, H.W. et al.	2006	Assessing the Effects of Nutrient Management in an Estuary Experiencing Climatic Change: The Neuse River Estuary, North Carolina	Environmental management	37 (3)	422–436.

NC 2	McNamara, D.E. et al.	2013	A Coupled Physical and Economic Model of the Response of Coastal Real Estate to Climate Risk	Nature Climate Change	3 (6)	559.
NC 3	Devlin, et al.	2014	Climate Change and Public Health in North Carolina: A Unique State Offers a Unique Perspective	Environmental Health Perspectives	122 (6)	1-2.
NC 4	Filatova T. and Bin, O.	2014	Changing Climate, Changing Behavior: Adaptive Economic Behavior and Housing Markets Responses to Flood Risks	Advances in Social Simulation		249- 258.
NC 5	McNamara, D.E. et al.	2015	Climate Adaptation and Policy-Induced Inflation of Coastal Property Value	PLoS one	10 (3)	1- 12.
NC 6	Poulter, B. et al.	2009	Sea-Level Rise Research and Dialogue in North Carolina: Creating Windows for Policy Change	Ocean & Coastal Management:	52 (3-4)	147- 153.
NC 7	Clark, W. et al.	2010	North Carolina			1- 146.
NC 8	Overton, M. et al.	2010	North Carolina Sea-Level Rise Assessment Report			1- 16.
NC 9	NCILT	2012	Climate Ready North Carolina Building a Resilient Future			1- 152.
NC 10	CH2MHILL	2013	Community Resilience Pilot Project Wilmington, North Carolina			1- 50.
NC 11	DOW	2010	Understanding the Impacts of Climate Change on Fish and Wildlife in North Carolina			1- 218.
NC 12	Riggs, S.R. et al.	2008	North Carolina's Coasts in Crisis: a Vision for the Future			1- 32.
NC 13	CIER	2008	Economic Impacts of Climate Change on North Carolina			1- 20.
NC 14	McPherson, M.L.	2009	Adaptation to Sea-Level Rise in North Carolina			1- 118.
NC 15	PSDS	2001	Reducing Vulnerability in Five North Carolina Coastal Communities			1- 121.
NJ 1	Cooper, M.J.P. et al.	2008	The Potential Impacts of Sea Level Rise on the Coastal Region of New Jersey, USA	Climatic Change	90 (4)	475.
NJ 2	Kirshen, P. et al.	2008	Coastal Flooding in the Northeastern United States Due to Climate Change	Mitigation and Adaptation Strategies for Global Change	13 (5-6)	437- 451.

NJ 3	Neumann, J.E. et al.	2010	Assessing Sea-Level Rise Impacts: A GIS-Based Framework and Application to Coastal New Jersey	Coastal management	38 (4)	433–455.
NJ 4	Williams, B.K. et al.	2014	Adaptive Management: From More Talk to Real Action	Environmental Management	53 (2)	465–479.
NJ 5	Putra, H.C. et al.	2015	Modeling Real Estate Market Responses to Climate Change in the Coastal Zone	Journal of Artificial Societies and Social Simulation	18 (2)	18.
NJ 6	Titus	1990	Greenhouse Effect, Sea Level Rise, and Barrier Islands: Case Study of Long Beach Island, New Jersey	Coastal Management	18	65–90.
NJ 7	Colon, J. et al.	2007	Climate Change Mitigation and Coastal Adaptation Strategies for New Jersey	Global Environmental Change	15 (3)	199–213.
NJ 8	Cooper, M.J.P. et al.	2005	Future Sea Level Rise and the New Jersey Coast			1–37.
NJ 9	GCC	2014	Insights into Media Coverage of Climate Change and Severe Weather Events in New Jersey			1–11.
NJ 10	Pflicke, K.M. et al.	2015	Populations Vulnerable to Climate Change in New Jersey: Update of a Statistical Analysis			1–23.
NJ 11	Senick, J.	2014	The Role of Buildings in Climate Adaptation Climate Change Preparedness in New Jersey			1–22.
NJ 12	Bickers, K.M.	2014	Vulnerable Populations to Climate Change in New Jersey			1–50.
NJ 13	Lathrop, R.G. and Love, A.	2007	Vulnerability of New Jersey’s Coastal Habitats to Sea Level Rise			1–17.
NJ 14	McGrath, K.M.	2014	Climate Change Preparedness and Resiliency: Funding and Financing Strategies for New Jersey			1–47.
NJ 15	Strauss, B. et al.	2014	New Jersey and the Surging Sea a Vulnerability Assessment With Projections For Sea Level Rise and Coastal Flood Risk			1–45.
NJ 16	Kana, T.W. et al.	1989	New Jersey Case Study			1–25.
NJ 17	Kinsey, D.N.	2015	Implications for Local Planning Practice of Policy Recommendations of the New Jersey Climate Adaptation Alliance			1–19.
NJ 18	RPA	2015	Where to Reinforce-Retreat			1–16.

NJ 19	NJCMP	2011	Coastal Community Vulnerability & Resilience Assessment Pilot			1–37.
NJ 20	NJSC(Sea Grant)	2010	New Jersey Coastal Community Resilience Demonstration Project			1–72.
NJ 21	NJCAP	2012	NJ Climate Adaptation Directory User Guide			1–11.
NJ 22	NCSL	2008	Assessing the Costs of Climate Change			1–4.
NJ 23	NJDEP	2011	Greenwich Township Vulnerability Assessment			1–37.
NJ 24	CATF	2011	New Jersey Climate Change Trends and Projection Summaries			1–12.
NJ 25	RPA	2015	Where to Reinforce, Where to Retreat			1–16.
NJ 26	Williamson, S. et al.	2008	Economic Impact of Climate Change			1–17.
NJ 27	NJCAA	2014	An Analysis of NJ Climate Adaptation Alliance Coastal Recommendations Relative to Recent Programs and Legislation for Climate Adaptation in Delaware, Maryland, and New York			1–9.
NY 1	Frankhauser, S. et al.	1996	Climate Change Costs: Recent Advancements in the Economic Assessment	Energy Policy	24 (7)	665–673.
NY 2	Blake, R. et al.	2000	Climate Change Impacts on New York City's Water Supply System	Journal of the American Water Resources Association	36 (2)	279–292.
NY 3	Rosenzweig, C. and Solecki, W.D	2001	Climate Change and a Global City: Learning from New York	Environment: Science and Policy for Sustainable Development	43 (3)	8–18.
NY 4	Rosenzweig, C. et al.	2007	Managing Climate Change Risks in New York City's Water System: Assessment and Adaptation Planning	Mitigation and Adaptation Strategies for Global Change	12 (8)	1391–1409.

NY 5	Laukkonen, J. et al.	2009	Combining Climate Change Adaptation and Mitigation Measures at the Local Level	Habitat international	33 (3)	287–292.
NY 6	Halsnæs, K. and Trærup, S.	2009	Development and Climate Change: A Mainstreaming Approach for Assessing Economic, Social, and Environmental Impacts of Adaptation Measures	Environmental management	43 (5)	765–778.
NY 7	Hammer, S. et al.	2009	The Impacts of Climate Change on New York City's Energy Sector: Vulnerabilities and Potential Adaptation Strategies	IOP Conference Series: Earth and Environmental Science	6 (33)	1–2.
NY 8	Carson, S.T. and Montz B.E.	2009	Planning for Climate Change: An analysis of Vulnerability in Suffolk County, New York	Environmental Hazards	8 (2)	133–148.
NY 9		2010	Executive Summary of Climate Change Adaptation in New York City: Building a Risk Management Response	Annals of the New York Academy of Sciences	1196 (1)	1–3.
NY 10	Bloomberg, M.R.	2010	Forewords to Climate Change Adaptation in New York City: Building a Risk Management Response	Annals of the New York Academy of Sciences	1196 (1)	1–3.
NY 11	Major, D.C. and O'Grady, M.	2010	Adaptation Assessment Guidebook	Annals of the New York Academy of Sciences	1196 (1)	229–292.
NY 12	Quay, R.	2010	Anticipatory Governance	The handbook of science and technology studies		979.
NY 13	Rosenzweig, C. and Solecki, W.	2010	Chapter 1: New York City Aadaptation in Context	Annals of the New York Academy of Sciences	1196 (1)	19–28.

NY 14	Rosenzweig, C. and Solecki, W.	2010	Introduction to Climate Change Adaptation in New York City: Building a Risk Management Response	Annals of the New York Academy of Sciences	1196 (1)	13–18.
NY 15	Rosenzweig, C. and Solecki, W.	2010	Preface to Climate Change Adaptation in New York City: Building a Risk Management Response	Annals of the New York Academy of Sciences	1196 (1)	1–3.
NY 16	Sussman, E. et al.	2010	Chapter 5: Law and Regulation	Annals of the New York Academy of Sciences	1196 (1)	87–112.
NY 17	Zimmerman, R. and Faris, C.	2010	Chapter 4: Infrastructure Impacts and Adaptation Challenges	Annals of the New York Academy of Sciences	1196 (1)	63–86.
NY 18	Quay R.	2010	Anticipatory Governance: A Tool for Climate Change Adaptation	Journal of American Planning Association	76 (4)	496–511.
NY 20	Yohe G. and Leichenko, R.	2010	Adopting a Risk-Based Approach	Annals of the New York Academy of Sciences	1196 (1)	29–40.
NY 21	Delgado, J.A. et al.	2011	Conservation Practices to Mitigate and Adapt to Climate Change	Journal of Soil and Water Conservation	66 (4)	118A–129A.
NY 22	Lal, R. et al.	2011	Management to Mitigate and Adapt to Climate Change	Journal of Soil and Water Conservation	66 (4)	276–285.
NY 23	Meyer, M.D. and Weigel, B.	2011	Climate Change and Transportation Engineering: Preparing for a Sustainable Future	Journal of Transportation Engineering	137 (6)	393–403.

NY 24	Nicholls, R.J.	2011	Planning for the Impacts of Sea Level Rise	Oceanography	24 (2)	144–157.
NY 25	Rowland, E.L.	2011	Approaches to Evaluating Climate Change Impacts on Species: A Guide to Initiating the Adaptation Planning Process	Environmental Management	47 (3)	322–337.
NY 26	Kopytko, N. and Perkins, J.	2011	Climate Change, Nuclear Power, and the Adaptation Mitigation Dilemma	Energy Policy	39 (1)	318–333.
NY 27	Wolfe, D.W.	2011	Responding to Climate Change in New York State: the ClimAID Integrated Assessment for Effective Climate Change Adaptation in New York State. Technical Report.			1–652.
NY 28	Leichenko, R. et al.	2011	An Economic Analysis of Climate Change Impacts and Adaptations in New York State			1–149.
NY 29	Solecki, W.	2012	Urban Environmental Challenges and Climate Change Action in New York City	Environment and Urbanization	24 (2)	557–573.
NY 30	Saavedra, C. et al.	2012	Assessing Resilience to Climate Change in US Cities	Urban Studies Research		1–3.
NY 31	Schmeltz, M. et al.	2013	Lessons from Hurricane Sandy: a Community Response in Brooklyn, New York	Journal of Urban Health	90 (5)	799–809.
NY 32	Watson, J. et al.	2013	Mapping Vulnerability and Conservation Adaptation Strategies Under Climate Change	Nature Climate Change	3 (11)	989.
NY 33	Hamilton, M.C. et al.	2013	Case Studies of Scenario Analysis for Adaptive Management of Natural Resource and Infrastructure Systems	Environment Systems & Decisions	33 (1)	89–103.
NY 34	Knowlton, K. and Rotkin-Ellman, M.	2013	Post-Sandy Preparedness Policies Lag as Sea Levels Rise	Environmental Health Perspectives	121 (7)	1.
NY 35	Jabareen, Y.	2013	Planning for Countering Climate Change: Lessons from the Recent Plan of New York City - PlaNYC 2030	International Planning Studies	18 (2)	221–242.
NY 36	Ausden, M.	2014	Climate Change Adaptation: Putting Principles into Practice	Environmental Management	54 (4)	685–698.
NY 37	Ausden, M.	2014	Erratum to: Climate Change Adaptation: Putting Principles into Practice	Environmental	54 (4)	699.



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NY 38	Perdinan and Winkler, J.A.	2014	Changing Human Landscapes Under a Changing Climate: Considerations for Climate Assessments	Environme ntal managem ent	53 (1)	42– 54.
NY 39	Loo, C.	2014	The Role of Community Participation in Climate Change Assessment and Research	Journal of agricultural and environmen tal ethics	27 (1)	65– 85.
NY 40	Rosenzweig, C. and Solecki, W.	2014	Hurricane Sandy and Adaptation Pathways in New York: Lessons From a First-Responder City	Global Environme ntal Change	28	395– 408.
NY 41	Mason E. and Montalto, F.A.	2014	The Overlooked Role of New York City Urban Yards in Mitigating and Adapting to Climate Change	Local Environme nt	20 (12)	1412 – 1427 .
NY 42	Rosenzweig, C. and Solecki, W.	2015	New York City Panel on Climate Change 2015 Report Introduction	Annals of the New York Academy of Sciences	1336 (1)	3–5.
NY 43	Quay, R.	2010	Anticipatory Governance: A Tool for Climate Change Adaptation	Journal of the American Planning Association	76 (4)	496– 511.
NY 44	Aerts, J.C.J.H. and Botzen, W.J.W.	2011	Flood-Resilient Waterfront Development in New York City: Bridging Flood Insurance, Building Codes, and Flood Zoning	Annals of the New York Academy of Sciences	1227 (1)	1– 82.
NY 45	Shepard, C. et al.	2011	Assessing Sea Level Rise on Storm Surge Risk for the Southern Shores of Long Island, New York	Natural Hazards	60 (2)	727– 745.
NY 46	Rosenzweig, C. et al.	2007	Managing Climate Change Risks in New York City’s Water System: Assessment and Adaptation Planning	Mitigation and Adaptation Strategies for Global Change	12 (8)	1391 – 1409 .

NY 47	Rosenzweig, C. et al.	2010	Developing Coastal Adaptation to Climate Change in the New York City Infrastructure-Shed: Process, Approach, Tools, and Strategies	Climatic Change	106 (1)	93– 127.
NY 48	NYAS	2009	Climate Change Adaptation in New York City Building a Risk Management Response	Annals of the New York Academy of Sciences	1196 (1)	1–3.
NY 49	Horton, R.M. et al.	2011	Climate Hazard Assessment for Stakeholder Adaptation Planning in New York City	Journal of Applied Meteorolog y and Climatolog y	50 (11)	2247 – 2266 .
NY 50	Matonse, A.H. et al.	2012	Investigating the Impact of Climate Change on New York City’s Primary Water Supply	Climatic Change	116 (3- 4)	437– 456.
NY 51	NYC BRTF	2013	Building a Resiliency Task Force			1– 35.
NY 52	NYC DEP	2008	Assessment and Action Plan			1– 102.
NY 53	NYC EDC	2013	Goal 8: Identify and pursue strategies to increase the city’s resilience to climate change and sea level rise.			104– 113.
NY 54	NYC PCC	2013	Climate Risk Information 2013 Observations, Climate Change Projections, and Maps			1– 38.
NY 55	DEC	2007	Climate Change Preparedness in New Jersey			1–4.
NY 56	NYS 2100	2012	Recommendations to Improve the Strength and Resilience of the Empire State’s Infrastructure			1– 206.
NY 57	NYSSLRT	2010	SLR Task Force Report to Legislature			1– 103.
NY 58	Jacob, K. et al.	2008	MTA Adaptations to Climate Change A Categorical Imperative.			1– 48.
NY 59	Rosenzweig, C. et al.	2011	Responding to Climate Change in New York State: the ClimAID Integrated Assessment for Effective Climate Change Adaptation in New York State. Synthesis Report.			1– 57.
NY 60	Aldrich, S. et al.	2009	Helping Hudson River Communities Adapt to Climate Change Scenario Planning 2010 – 2030 Executive Summary			1– 16.
NY 61	Shweitzer, J.	2014	Climate Change Legal Remedies: Hurricane Sandy and New York City Coastal Adaptation			1– 54.

NY 62	NYC	2013	Urban Waterfront Adaptation Strategies			1– 68.
CT 1	Farrell, P.E.	2008	Climate Change Action in Connecticut: Linking Energy, the Environment and the Economy	UCLA J. Env'tl. L. & Pol'y	27	281.
CT 2	Keenan, N.J. and Oldfield, S.G.	2012	The Urban Impacts Toolbox: An Initial Assessment of Climate Change Flood Adaptation Options for Westport	Weather and Climate	32 (2)	40– 61.
CT 3	Tsvetanov, T.G. and Shah, F.A.	2013	The Economic Value of Delaying Adaptation to Sea-Level Rise: An Application to coastal properties in Connecticut	Climatic change	121 (2)	177– 193.
CT 4	Genova, L.K. et al.	2010	The Likelihood of Shore Protection,			1– 74.
CT 5	CTDEEP	2014	Taking Action on Climate Change 2014 Progress Report			1– 44.
CT 6	GSC	2011	Connecticut Climate Change Preparedness Plan			1– 111.
CT 7	CTDEP	2009	Facing our Future: Adaptation to Connecticut's Changing Climate			1– 51.
CT 8	town of Groton	2011	Climate Change and Sustainable Community			1– 91.
CT 9	Gornitz, V. et al.	2004	Bracing for Climate Change in the Constitution State			1– 54.
CT 10	Ambrette, B. and Welch, A.W.	2013	Adapting to the Rise, Guide for Connecticut's Coastal Communities			1– 25.
RI 1	Becker, A. and Caldwell, M.R.	2015	Stakeholder Perceptions of Seaport Resilience Strategies: A Case Study of Gulfport (Mississippi) and Providence (Rhode Island)	Coastal Management	43 (1)	1– 34.
RI 2	Rhode Island Climate Change Comm.	2012	Adapting to Climate Change in the Ocean State: A Starting Point			1– 38.
RI 3	Weidman, J. et al.	2013	Block Island Harbors Sea Level Rise Adaptation Study			1– 43.
RI 4	Heffner, L. et al.	2012	Climate Change and Rhode Island's Coast			1– 37.
MA 1	Clark, G.E. et al.	1998	Assessing the Vulnerability of Coastal Communities to Extreme Storms: The Case of Revere, MA., USA	Mitigation and adaptation strategies for global change	3 (1)	59– 82.
MA 2	Morgan, M.G. et al.	2005	Learning from the U.S. National Assessment of Climate Change Impacts	Environmental Science		9023 –

				and Technology		9032 .
MA 3	Suarez, P. et al.	2005	Impacts of Transportation: A Systemwide Performance Assessment of the Boston Metro Area	Transportat ion Research	10 (3)	231– 244.
MA 4	Kirshen, P. et al.	2008	Climate Change and Coastal Flooding in Metro Boston: Impacts and Adaptation Strategies	Climatic Change	90 (4)	453– 473.
MA 5	Kirshen, P. et al.	2008	Interdependencies of Urban Climate Change Impacts and Adaptation Strategies: a Case Study of Metropolitan Boston USA	Climatic change	86 (1-2)	105– 122.
MA 6	Pyke, C. et al.	2011	Assessment of Low Impact Development for Managing Stormwater With Changing Precipitation Due to Climate Change	Journal of the American Planning Association	80 (2)	110– 122.
MA 7	Guercio, L.D.	2013	Climate Change Adaptation and Coastal Property Rights: a Massachusetts Case Study	BC Env'tl. Aff. L. Rev.	40	349.
MA 8	Hamin, E.M. et al.	2014	Barriers to Municipal Climate Adaptation: Examples From Coastal Massachusetts Smaller Cities and Towns	Journal of the American Planning Association	80 (2)	110– 122.
MA 9	Douglas, E. et al.	2012	Coastal Flooding, Climate Change and Environmental Justice: Identifying Obstacles and Incentives for Adaptation in Two Metropolitan Boston Massachusetts Communities	Mitigation and Adaptation Strategies for Global Change	17 (5)	537– 562.
MA 10	Rasmussen, B. et al.	2012	A Framework for Considering Climate Change in Transportation and Land Use Scenario Planning Lessons Learned from an Interagency Pilot Project on Cape Cod			1– 119.
MA 11	Cape Cod Commission	2012	Cape Cod Regional Wastewater Management Plan Sea-level Rise and Its Implications			1– 12.
MA 12	MA AAC	2011	Massachusetts Climate Change Adaptation Report			1– 128.
MA 13	MA GWSA	2013	Clean Energy & Climate Plan for 2020: Summary Reports			1– 10.
MA 14	Menino, T.M.	2007	An Order Relative to Climate Action in Boston			1–3.
MA 15	Lubber, M. and Hunt, J.W.	2010	Sparking Boston's Climate Revolution			1– 54.

MA 16	Worcester Gov	2006	Climate Action Plan			1– 236.
MA 17	Douglas, E. et al.	2013	Preparing for the Rising Tide			1– 81.
MA 18	Susskind, L. et al.	2014	Stakeholder Assessment Barnstable, Massachusetts			1– 24.
MA 19	Kleinfelder, Inc.	2015	Vulnerability Assessment and Adaptation Plan			1.
MA 20	Walberg, E.	2013	Tidmarsh Farms, MA, Climate Change Adaptation Plan			1– 24.
ME 1	Johnston, A. et al.	2014	Assessing the Vulnerability of Coastal Infrastructure to Sea Level Rise Using Multi-Criteria Analysis in Scarborough, Maine (USA)	Ocean & Coastal Management	95	176– 188.
ME 2	Moser, S.C.	2005	Impact assessments and policy responses to sea-level rise in three US states: An exploration of human-dimension uncertainties	Global Environmental Change	15 (4)	353– 369.
ME 3	MLI et al.	1995	Anticipatory Planning For Sea-Level Rise Along The Coast of Maine			1– 48.
ME 4	Slovinsky, P.A. and Dickson, S.M.	2006	Impacts of Future Sea Level Rise on the Coastal Floodplain			1– 26.
ME 5	124th ME Legislature	2010	Legislative Charge and Basis for Action			1– 68.
ME 6	MEDEP	2011	Adapting to a Changing Climate Charting Maine's Course			1– 12.
ME 7	MEDOT	2009	Climate Change and Transportation in Maine			1– 10.
ME 8	Jacobson, G.L. et al.	2009	Maine's Climate Future			1– 74.
ME 9	Susskind, L. et al.	2014	Stakeholder Assessment, Wells, Maine			1– 32.
NH 1	Wake, C.P. et al.	2011	Vulnerability Assessment and Adaptation Plan	The Northeastern Geographer	3	1– 21.
NH 2	Frumhoff, P.C. et al.	2008	An Integrated Climate Change Assessment for the Northeast United States	Mitigation and Adaptation Strategies for Global Change	13(5-6)	419– 423.

NH 3	Hayho, K. et al.	2008	Regional Climate Change Projections for the Northeast USA	Mitigation and Adaptation Strategies for Global Change	13(5-6)	425-436.
NH 4	Kirshen, P. et al.	2008	Coastal Flooding in the Northeastern United States Due to Climate Change	Mitigation and Adaptation Strategies for Global Change	13(5-6)	437-451.
NH 5	Cleaves, S.M. et al.	2009	Climate Action Planning at the University of New Hampshire	International Journal of Sustainability in Higher Education	10(3)	250-265.
NH 6	Wake, C.P. et al.	2013	Climate Change and Lamprey River Flooding			1-31.
NH 7	Wake, C.P. et al.	2011	Climate Change in Piscataqua Great Bay Region			1-54.
NH 8	Rockingham Planning Commission	2015	Climate Change Chapter, Regional Plan, Seaport, NH			1-24.
NH 9	Rockingham Planning Commission	2009	Adaptation to Increased Flood Risk			1-24.
NH 10	Rockingham Planning Commission	2015	Regional Master Plan, Climate Change Chapter			1-42.
NH 11	NH Coastal Risks and Hazard Commission	2014	Surge and Extreme Precipitation			1-43.
NH 12	NH Coastal Risks and Hazard Commission	2009	NH Climate Action Plan			1-82.
NH 13	NH Fish and Game Dept.	2013	Ecosystems and Wildlife Climate Adaptation Plan			1-133.

**Table S3.** Observed and expected frequencies by subregion and type of database (Academic only or All-source),  $\chi^2(3) = 11.25$ ,  $p = .010$ . Items in brackets represent expected cell frequencies.

Subregion	Type of Database	
	Academic	All-source
Carolinas	11 [12.21]	15 [13.79]
Florida	54 [59.17]	72 [66.83]
New England	20 [26.30]	36 [29.70]
New York/New Jersey	54 [41.32]	34 [46.68]

**Table S4.** Observed and expected frequencies by region and document source,  $\chi^2(12) = 28.59$ ,  $p = .005$ . Items in brackets represent expected cell frequencies.

Subregion	Document Sources				
	Journal	University	NGO	Govt.	Mixed
Carolinas	11 [12.21]	3 [2.55]	1 [2.11]	4 [5.36]	7 [3.78]
Florida	54 [59.17]	17 [12.34]	14 [10.22]	26 [25.97]	15 [18.30]
New England	21 [26.30]	2 [5.49]	4 [4.54]	21 [11.54]	9 [8.14]
NY-NJ	54 [41.32]	7 [8.62]	7 [7.14]	10 [18.14]	12 [12.78]